

DEUTZ XCHANGE[®]

Engines & Parts

Product Portfolio



The engine company.



Two factories – one goal

“New life for old engines” – a service which engine manufacturers all over the world have always offered as a customer service under the name of “general overhaul” or “exchange engine”.

Based on this principle, DEUTZ founded the Übersee repair factory on the Chiemsee in Upper Bavaria in 1948 DEUTZ has also operated a modern Xchange factory in Pendergrass, Georgia, USA since 2008.

Today DEUTZ counteracts the passive philosophy of simple re-use with an active philosophy of further use which is realised by industrially organized processing. It rules out the “end of an engine” and therefore turns a previously little exploited energy potential into an economic and ecological perspective.



Our philosophy

- Guarantee with certificate
- Manufacturer quality according to ISO 9001
- Wearable parts replaced by genuine DEUTZ parts
- Quickly available
- Test bench acceptance and guarantee the same as brand new engines
- Shorter downtimes than for repairs
- State of the art products
- Continuous updating of the DEUTZ Xchange program

Our current Xchange product portfolio:

- Exchange engines
- Controllers
- Injection pumps / high pressure pumps for CR
- Fuel injectors
- Generators
- Starters
- Air compressors
- Turbochargers
- Water pumps
- Cylinder heads

DEUTZ Xchange Engines



**2 years
guarantee**

Engines processed and tested with DEUTZ technology carry the same manufacturer guarantee as new engines.

You are on the safe side with genuine DEUTZ Xchange products:

- More than 140 experience in engine construction
- World-wide authorised DEUTZ service network
- Exclusive use of genuine DEUTZ parts
- Disassembly, cleaning, parts inspection and exchange, installation and testing according to DEUTZ specifications
- State of the art products
- Guarantee same as for new DEUTZ products
- No concealed costs, reasonable investments for the whole life cycle

| BR | Model |
|-------------|--------------|
| 413 | BF06L0413 FR |
| | BF12L0413 F |
| | BF12L0413 FW |
| | F05L0413 FR |
| | F05L0413 FRW |
| | F05L0413 R |
| | F06L0413 |
| | F06L0413 F |
| | F06L0413 FR |
| | F06L0413 FRW |
| | F06L0413 FW |
| | F06L0413 R |
| | F08L0413 |
| | F08L0413 F |
| | F08L0413 FW |
| | F10L0413 |
| | F10L0413 F |
| | F10L0413 FW |
| | F12L0413 |
| | F12L0413 F |
| F12L0413 FW | |
| 511 | F01L0511 |
| | F02L0511 |
| | F02L0511 W |
| 513 | BF06L0513 R |
| | BF06L0513 RC |
| | BF08L0513 |
| | BF10L0513 |
| | BF12L0513 |
| | BF12L0513 C |
| | F08L0513 |
| | F10L0513 |
| F12L0513 | |
| 912 | F02L0912 |
| | F03L0912 |
| | F03L0912 F |
| | F03L0912 GEN |
| | F03L0912 W |
| | F03L0912D |
| | F04L0912 |
| | F04L0912 F |
| | F04L0912 W |
| | F05L0912 |
| | F05L0912 F |
| | F05L0912 W |
| | F06L0912 |
| | F06L0912 F |
| | F06L0912 W |
| | F06L0912GEN |

| BR | Model | |
|--------------|--------------|-----------|
| 913 | BF04L0913 | |
| | BF04L0913 C | |
| | BF04L0913 T | |
| | BF06L0913 | |
| | BF06L0913 C | |
| | BF06L0913 T | |
| | F03L0913 | |
| | F03L0913G | |
| | F04L0913 | |
| | F06L0913 | |
| | GF03L913 | |
| | 914 | BF03L0914 |
| | | BF04L0914 |
| BF06L0914 | | |
| BF06L0914C | | |
| D0914 L04 | | |
| F03L0914 | | |
| F04L0914 | | |
| F06L0914 | | |
| 1008 | F03M1008 | |
| | F04M1008 | |
| 1011 | BF03L1011 FL | |
| | BF03M1011 F | |
| | BF04L1011 | |
| | BF04L1011 F | |
| | BF04L1011 FT | |
| | BF04L1011E | |
| | BF04L1011T | |
| | BF04M1011 | |
| | BF04M1011 F | |
| | F02L1011 | |
| | F02L1011 F | |
| | F02M1011 | |
| | F03L1011 | |
| F03L1011 F | | |
| F03L1011E | | |
| F03M1011 F | | |
| F04L1011 | | |
| F04L1011 F | | |
| F04L1011 FL | | |
| F04L1011E | | |
| F04M1011 F | | |
| 1012 | BF04M1012 | |
| | BF04M1012 C | |
| | BF04M1012 E | |
| | BF04M1012 EC | |
| | BF06M1012 | |
| | BF06M1012 C | |
| | BF06M1012 E | |
| BF06M1012 EC | | |

| BR | Model |
|-------------------|----------------|
| 1013 | BF04M1013 |
| | BF04M1013 C |
| | BF04M1013 E |
| | BF04M1013 EC |
| | BF04M1013 FC |
| | BF04M1013E |
| | BF04M1013M |
| | BF06M1013 |
| | BF06M1013 C |
| | BF06M1013 CP |
| | BF06M1013 E |
| | BF06M1013 EC |
| | BF06M1013 ECP |
| | BF06M1013 FC |
| | BF06M1013EC |
| | BF06M1013M |
| | BF06M1013MC |
| | BF06M1013MCP |
| 1015 | BF06M1015 |
| | BF06M1015 C |
| | BF06M1015 CP |
| | BF06M1015 M |
| | BF06M1015 MC |
| | BF08M1015 |
| | BF08M1015 C |
| | BF08M1015 CP |
| BF08M1015 MC | |
| 2011 | BF03L2011 |
| | BF03M2011 |
| | BF04L2011 |
| | BF04M2011 |
| | BF04M2011 C |
| | F02L2011 |
| | F02M2011 |
| F03L2011 | |
| still 2011 | F03M2011 |
| | F04L2011 |
| | F04M2011 |
| 2012 | BF04M2012 |
| | BF04M2012 C |
| | BF04M2012 VO |
| | BF06M2012 |
| | BF06M2012 C |
| | BF06M2012 C VO |
| 2013 | BF04M2013 |
| | BF04M2013 C |
| | BF06M2013 |
| | BF06M2013 C |

| BR | Model |
|--------------------------|-----------------|
| D/TD/ TCD2011 | D 2011 L02 |
| | D 2011 L02I |
| | D 2011 L03 |
| | D 2011 L03I |
| | D 2011 L04 |
| | D 2011 L04I |
| | D 2011 L04W |
| | TCD 2011 L04W |
| | TD 2011 L04I |
| | TD 2011 L04W |
| TCD 2012 | TCD 2012 L04 2V |
| | TCD 2012 L04 4V |
| | TCD 2012 L06 2V |
| | TCD 2012 L06 4V |
| TCD2013 | TCD 2013 L04 2V |
| | TCD 2013 L06 2V |
| | TCD 2013 L06 4V |
| TCD2015 | TCD 2015 V06 |
| | TCD 2015 V08 |
| T/TD 226 | D226.3.2 |
| | D226.3.B |
| | D226.4 |
| | D226.4.2 |
| | D226.4.B. |
| | D226.6.2 |
| | D226.6.B |
| | TD226.3.B |
| TD226.4.2 | |
| TD226.4.B | |
| TD226.6.2 | |
| TD226.6.B | |

DEUTZ Xchange Parts



**1 year
guarantee**

- Series processing with manufacturer know-how
- In sub-assembly processing, wearable parts replaced only by genuine new DEUTZ parts
- Same guarantee as for genuine DEUTZ parts
- Available immediately ready for installation through the world-wide DEUTZ service network
- Always state of the art
- Also available for more technically demanding DEUTZ engines of EU stage III A / US EPA Tier 3
- Low-cost with guaranteed quality and functionality
- Environmentally friendly and kind on resources

INJECTION PUMP CONTROLLER

| Ref. Mat.-No. | Description | Mat.-No. |
|---------------|-------------------------|--------------|
| New part | | Xchange part |
| 0211 1260 | BFM1012/2012 | 0295 9410 |
| 0211 1262 | BFM1012/1013/2012 | 0295 9412 |
| 0211 1263 | BFM1012/1013/2012 | 0295 9413 |
| 0211 1264 | BF M 1013 | 0295 9414 |
| 0211 1294 | BF M 1013 / 2012 | 0295 9415 |
| 0211 1319 | BF M 1013 | 0295 9416 |
| 0211 1327 | BFM1012/1013/2012 | 0295 9417 |
| 0211 1338 | BF M 1012 / 2012 | 0295 9418 |
| 0211 1349 | BF M 1012 / 1013 | 0295 9419 |
| 0211 1361 | BF M 1012 | 0295 9420 |
| 0211 1432 | BF 6M 1012 | 0295 9422 |
| 0211 1435 | BF M 1013 / 2012 | 0295 9423 |
| 0211 1494 | BF M 1013 | 0295 9425 |
| 0211 1554 | BF M 1012 / 1013 | 0295 9427 |
| 0211 1630 | BF M 1012 / 1013 / 2012 | 0295 9428 |
| 0211 1762 | BF M 2013 | 0295 9429 |
| 0211 2268 | BF M 1012 / 1013 | 0295 9431 |
| 0211 2445 | BF 4M 1012 | 0295 9432 |
| 0211 2447 | BF 4M 1012 | 0295 9433 |
| 0211 2890 | BF M 1012 / 1013 / 2012 | 0295 9409 |
| 0211 2893 | BFM1013/2012 | 0295 9435 |
| 0211 2974 | BFM1013 | 0295 9437 |

INJECTION PUMP

| Ref. Mat.-No. | Description | Mat.-No. |
|---------------|-----------------------------|--------------|
| New part | | Xchange part |
| 0134 0379 | FL/M2011 D2011 | 0305 0458 |
| 0134 0380 | FL/M2011 D2011 | 0305 0459 |
| 0134 0381 | FL/M2011 D2011 | 0305 0470 |
| 0134 0404 | BFL/M2011 TD2011 | 0305 0471 |
| 0134 0405 | BFL/M2011 TD2011 | 0305 0472 |
| 0211 1066 | BF M 1013 | 0304 5380 |
| 0211 1246 | BF 4M 1012 | 0304 5379 |
| 0211 1335 | BF 6M 1013 | 0304 5381 |
| 0211 1636 | BFM1012 / 2013 | 0304 6465 |
| 0211 1663 | BF M 1012 | 0304 5378 |
| 0211 1930 | BF 6M 1013 EC | 0304 5377 |
| 0211 2405 | BF4/6M2012/C, TCD2012L04 2V | 0305 0473 |
| 0211 2706 | BF6M1013EC/ECP/FC | 0305 0474 |
| 0211 2707 | BF6M2012C | 0305 0475 |
| 0211 3002 | BF4/6M2012/C | 0305 0476 |
| 0211 3694 | TCD2013 2V | 0305 0477 |
| 0211 3695 | TCD2012 2V | 0305 0478 |
| 0212 6930 | BF M 1012 | 0304 5370 |
| 0213 7403 | F 2 L 912 | 0295 9025 |
| 0214 2732 | F 6 L 413 FR | 0295 9011 |
| 0223 1882 | BF 6 L 913 | 0295 9006 |
| 0223 1883 | BF 6 L 913 | 0295 9038 |
| 0223 1887 | BF 6 L 913 | 0295 9041 |
| 0223 2331 | F 2 L 912 | 0295 9045 |
| 0223 2402 | F 3 L 912 | 0295 9000 |
| 0223 2423 | F 3 L 912 | 0295 9036 |
| 0223 2476 | F 4 L 912 | 0295 9001 |
| 0223 2560 | F 5 L 912 | 0295 9003 |
| 0223 2628 | F 6 L 912/913 | 0295 9005 |

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| 0223 2920 | F 6 L 912 | 0295 9035 |
| 0223 2924 | F 5 L 912 | 0295 9034 |
| 0223 3729 | F 2 L 511 / W | 0292 7247 |
| 0223 4222 | F 6 L 912/913 | 0295 9042 |
| 0223 6584 | F 4 L 912 | 0295 9016 |
| 0223 7620 | F 6 L 912/913 | 0295 9018 |
| 0223 8358 | F 4 L 913 | 0295 9019 |
| 0223 8408 | F 3 L 913 G | 0295 9007 |
| 0241 2895 | F 8 L 413 F | 0295 9056 |
| 0241 6994 | F 8 L 413 F | 0295 9057 |
| 0241 6996 | F 8 L 413 F | 0295 9020 |
| 0241 7046 | F 10 L 413 F | 0295 9050 |
| 0241 7048 | F 6 L 413 F | 0295 9055 |
| 0241 7303 | BF 12 L 413 FW | 0295 9030 |
| 0241 8755 | BF 12 L 413 F | 0295 9031 |
| 0241 8903 | F 6 L 413 FW | 0295 9021 |
| 0241 8904 | F 8 L 413 FW | 0295 9128 |
| 0241 8905 | F 10 L 413 FW | 0295 9129 |
| 0241 8906 | F 12 L 413 FW | 0295 9130 |
| 0242 1978 | BF 12 L 513 C | 0295 9137 |
| 0242 2648 | F 6 L 413 F | 0295 9048 |
| 0242 2649 | F 8 L 413 F | 0295 9049 |
| 0242 5278 | F 6 L 413 FR | 0295 9088 |
| 0242 7162 | F 12 L 413 F | 0295 9060 |
| 0242 7573 | F 8 L 513 | 0295 9059 |
| 0414 9801 | F 8 L 413 F | 0295 9123 |
| 0415 1252 | BF 6 L 913 | 0295 9024 |
| 0415 1453 | F 3 L 913 | 0295 9022 |
| 0415 3547 | F 4 L 913 | 0295 9043 |
| 0415 4668 | F 4 L 913 | 0295 9023 |
| 0415 4847 | BF 6 L 913 | 0295 9140 |
| 0415 6508 | BF 6 L 913 C | 0295 9026 |
| 0415 6972 | BF 6 L 913 | 0295 9008 |
| 0415 7399 | BF 6 L 913 | 0295 9118 |
| 0415 7413 | BF 6 L 913 T | 0295 9044 |
| 0415 7417 | BF 6 L 913 T | 0295 9070 |
| 0415 8713 | BF 4 L 913 C | 0295 9139 |
| 0415 8843 | BF 6 L 913 | 0295 9039 |
| 0415 9028 | F 6 L 913 | 0295 9017 |
| 0415 9364 | BF 4 L 913 | 0295 9009 |
| 0415 9374 | BF 4 L 913 | 0295 9010 |
| 0415 9416 | BF 4 L 913 | 0295 9027 |
| 0417 4029 | FL 1011 | 0304 3996 |
| 0417 4031 | BFL 1011 T | 0304 3997 |
| 0417 4903 | FL 1011 | 0304 3998 |
| 0417 4945 | BFL 1011 T | 0304 5081 |
| 0417 5130 | BFL 1011 | 0304 5082 |
| 0417 5175 | BFL 1011 | 0304 5083 |
| 0417 5848 | BFL 1011/T | 0304 5085 |
| 0417 5850 | FL 1011 | 0304 5084 |
| 0417 5852 | BFL 1011/T | 0304 5140 |
| 0417 8047 | F L 1011 F | 0304 5376 |
| 0417 8125 | BF 4M 1011 F | 0304 5375 |
| 0417 8544 | BF L 1011 F | 0304 5371 |
| 0417 9429 | BF / F M 1011 F | 0304 5374 |
| 0417 9431 | BF / F M 1011 F | 0304 5373 |
| 0417 9573 | F L 1011 | 0304 5372 |
| 0418 6057 | BF 10 L 513 | 0295 9015 |
| 0418 6086 | F 8 L 513 | 0295 9058 |

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|-----------|-----------------------|-----------|-----------|---------------------------|-----------|
| 0422 3930 | BF 6 M 1015 C | 0295 9109 | 0223 3085 | FL 912/511 | 0292 7211 |
| 0422 6670 | BF 6 M 1015 | 0295 9112 | 0223 3272 | BFL 913/C | 0292 6386 |
| 0423 0173 | F 6 L 912 | 0295 9040 | 0293 4349 | BFL 1011 T | 0304 5091 |
| 0423 0260 | F 4 L 912 | 0295 9002 | 0293 4350 | FL 1011 | 0304 5089 |
| 0423 1193 | BF 6 L 913 C | 0295 9028 | 0293 4351 | FL 1011 | 0304 5088 |
| 0423 1580 | F 3 L 912 | 0295 9071 | 0337 2161 | FL 413 FW | 0292 7277 |
| 0423 1583 | F 4 L 912 | 0295 9080 | 0414 3814 | BFL 513 | 0292 7278 |
| 0423 1586 | F 5 L 912 | 0295 9075 | 0415 0926 | BFL 913/C | 0293 2004 |
| 0423 1590 | F 6 L 912/913 | 0295 9073 | 0415 2044 | F 3 L 913 G | 0292 7272 |
| 0423 1611 | F 6 L 912 | 0295 9004 | 0415 4141 | BFL 913/C | 0304 2121 |
| 0423 1631 | F 4 L 912 | 0295 9037 | 0415 4143 | FL 912 | 0304 3528 |
| 0423 1699 | BF 4 L 913 T | 0295 9029 | 0417 0917 | BFL 1011 | 0304 5092 |
| 0423 1734 | F 3 L 912 | 0295 9072 | 0417 4837 | BFL 1011 T | 0304 5090 |
| 0423 1792 | F 4 L 912/913 | 0295 9102 | 0417 5132 | 1011 | 0304 5251 |
| 0423 1849 | F 6 L 912 | 0295 9089 | 0417 5189 | FL 1011 | 0304 5086 |
| 0423 1875 | BF 4 L 913 | 0295 9083 | 0417 8021 | F L 1011 F | 0304 5392 |
| 0423 1963 | BF 6 L 913 | 0295 9074 | 0417 8022 | BF L 1011 F | 0304 5384 |
| 0423 2048 | BF 4 L 913 | 0295 9085 | 0417 8023 | F M 1011 F | 0304 5385 |
| 0423 2072 | BF 4 L 913 | 0295 9084 | 0417 8024 | BF 4M 1011 | 0304 5383 |
| 0423 2078 | BF 6 L 913 | 0295 9086 | 0417 9470 | F L 1011 F | 0304 5386 |
| 0423 2084 | BF 6 L 913 C | 0295 9087 | 0418 4965 | FL 513 | 0304 2413 |
| 0423 2136 | BF 6 L 913 | 0295 9090 | 0423 0141 | F3L 913 G | 0304 4143 |
| 0423 2296 | BF 6 L 913 C | 0295 9091 | 0423 1554 | 912 / 913 | 0304 5341 |
| 0423 2320 | F 4 L 912/913 | 0295 9104 | 0423 2066 | BF 913 | 0304 4483 |
| 0423 2459 | F 3 L 912 W | 0295 9095 | 0423 2434 | FL 912W/511W | 0292 7271 |
| 0423 2479 | F 6 L 912 W | 0295 9096 | 0423 4349 | BF/FL914/C | 0305 0482 |
| 0423 2494 | F 5 L 912 W | 0295 9094 | 0426 2856 | BFM1015/C | 0304 6197 |
| 0423 2539 | F 3 L 912 | 0295 9077 | 0428 6251 | BF/FL2011, D2011L | 0305 0479 |
| 0423 2559 | F 4 L 912 | 0295 9079 | 0429 0987 | TCD2012 2V | 0305 0480 |
| 0423 2567 | F 5 L 912 | 0295 9081 | 1215 3044 | D 225, D 226, D227, D 308 | 0304 5158 |
| 0423 2581 | F 6 L 912 | 0295 9082 | 1215 3048 | D 226, D 227 | 0304 5159 |
| 0426 0555 | BF8M1015C/CP | 0304 8060 | 1215 3057 | TD226 - B | 0304 5161 |
| 0426 2056 | TCD2015 | 0304 9760 | | | |
| 0427 1701 | F2 / 3 / 4 L / M 2011 | 0304 6467 | | | |
| 1215 2492 | D 226 3.2 | 0295 9061 | | | |
| 1215 2508 | D/TD 226 4.2 | 0295 9062 | | | |
| 1215 2510 | TD 226 - 4B | 0295 9066 | | | |
| 1215 2515 | D 226 - 6.2 | 0295 9063 | | | |
| 1215 2519 | TD 226 - 6.2 | 0295 9064 | | | |
| 1215 2520 | D 226 - 6B | 0295 9068 | | | |
| 1215 6697 | D 226 - 6B | 0295 9067 | | | |
| 1218 9088 | TD 226 - 3 B | 0295 9065 | | | |

FUEL INJECTOR

| Ref. Mat.-No. New part | Description | Mat.-No. Xchange part |
|---------------------------|--------------|--------------------------|
| 0211 2102 | BF M 1013 EC | 0304 5416 |
| 0211 2103 | BF M 1013 | 0304 5415 |
| 0211 2624 | BF M 1012 | 0304 5391 |
| 0211 2625 | BF M 1012 | 0304 5382 |
| 0211 2626 | BF M 1012 | 0304 5390 |
| 0211 2640 | BF M 1013 | 0304 5389 |
| 0211 2644 | BF M 1013 | 0304 5414 |
| 0211 2645 | BF M 1013 | 0304 5387 |
| 0211 2957 | BF4/6M1013 | 0305 0481 |
| 0211 3000 | BFM2012/C | 0304 6521 |
| 0214 5079 | FL 413 F | 0292 7273 |
| 0214 7859 | BFL 413 F | 0304 3361 |

GENERATOR

| Ref. Mat.-No. New part | Description | Mat.-No. Xchange part |
|---------------------------|-----------------------------|--------------------------|
| 0116 3170 | 912 / 913 / 413 | 0304 0651 |
| 0117 7481 | 912/913/1012/1013 | 0304 0005 |
| 0117 8521 | 912/913/1012/1013 | 0304 0714 |
| 0117 8607 | 912/ 913/1012/1013 | 0304 0715 |
| 0117 8655 | 912/ 913/1012/1013 | 0304 5096 |
| 0117 8669 | 226 | 0304 5178 |
| 0117 9468 | 912/ 913/1012/1013/413/ 513 | 0304 0125 |
| 0118 0302 | 912/ 913/1012/1013 | 0304 5097 |
| 0118 1386 | 413/ 513 | 0304 2535 |
| 0118 2027 | 913 / 1013 /2013 /1015 | 0304 5910 |
| 0118 2113 | 413/ 513 | 0304 0718 |
| 0118 2151 | 912/913/914/1011/2011/1013 | 0304 7527 |
| 0118 2153 | 912/913/914/1011/2011/1013 | 0305 0415 |
| 0118 2434 | B/FL 1011/F | 0292 7274 |
| 0118 2436 | 2011 | 0305 0430 |
| 0118 2438 | B/FL/1011F | 0304 5249 |
| 0118 2959 | 413/ 513 | 0304 0704 |
| 0118 2961 | 2012 | 0305 0431 |
| 0118 3185 | 2012 14V | 0305 0432 |
| 0118 3191 | 1013/2012/2013/2015 | 0305 0434 |
| 0118 3195 | 912/913/914/1013/1015 | 0305 0435 |
| 0292 9937 | B/FL 1011 | 0304 5438 |

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| 0292 9939 | B/FL 1011 | 0293 2014 |
| 0419 1523 | 413/ 513 | 0304 5098 |
| 1285 0799 | 1008 | 0304 5741 |
| 1285 0977 | 1008 | 0304 5742 |
| 1285 1726 | 1008 | 0304 5740 |
| 1291 1594 | 226 | 0304 5177 |

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|-----------|--------------------------|-----------|
| 0118 0805 | 912 / 913 | 0304 5319 |
| 0118 0928 | 912/913/1011/1012/1013 | 0304 5396 |
| 0118 0999 | 912/ 913/1012/1013 | 0304 6537 |
| 0118 1681 | BFM1013 / BFM2012C | 0304 7431 |
| 0118 2233 | 1012/1013/2012/2013 | 0304 6978 |
| 0118 2235 | BFM1013/BFM2012/ TCD2012 | 0304 7512 |
| 0118 2382 | 1011 / 2011 | 0304 6578 |
| 0118 2390 | 1011/2011 | 0304 7074 |
| 0118 2760 | TCD2012/2013 | 0305 0483 |
| 0118 3067 | BFM1013 / BFM2012 | 0305 0484 |
| 0293 4493 | B/FL 1011 | 0304 2533 |
| 0293 4505 | 1011F | 0304 5250 |
| 0430 0007 | 2011 | 0305 0444 |
| 1215 3838 | 226 | 0304 5176 |
| 1218 7645 | 226 | 0304 5175 |
| 1285 1306 | 1008 | 0304 5738 |

AIR COMPRESSOR

| Ref. Mat.-No. New part | Description | Mat.-No. Xchange part |
|---------------------------|---------------------|--------------------------|
| 0117 3720 | 413 F / FW / FZ / R | 0304 0119 |
| 0117 3858 | 912 / 913 | 0304 5243 |
| 0117 3860 | B/FL413F | 0304 0671 |
| 0117 3862 | 413 F / FW / FZ / R | 0304 0672 |
| 0117 3863 | 912 / 913 | 0304 0673 |
| 0117 3870 | 912 / 913 | 0304 0674 |
| 0117 3876 | 912 / 913 | 0304 0675 |
| 0117 3877 | 912 / 913 | 0304 0676 |
| 0117 4168 | B/FL413F / 513 | 0304 2522 |
| 0117 4473 | 912 / 913 | 0304 0677 |
| 0117 4474 | B/FL413F / 513 | 0304 2523 |
| 0117 5509 | 912 / 913 / 413 | 0304 0683 |
| 0117 7293 | B/FL413F / 513 | 0304 2530 |
| 0117 8041 | 1011 / 1011F | 0304 5242 |
| 0117 9099 | 912 / 913 | 0304 5199 |
| 0117 9584 | BF M1012/1013 | 0304 6571 |
| 0118 0386 | 1012/1013 | 0304 5244 |
| 0118 0388 | 1011 / 1011F | 0304 5241 |
| 0118 0579 | BF M 1012 / 1013 | 0304 6573 |
| 0118 0581 | BF4/6M1013 | 0305 0456 |
| 0118 0656 | 1012/1013 | 0304 5245 |
| 0426 1512 | 1015 | 0304 5247 |
| 0426 1513 | 1015 | 0304 5246 |
| 0490 5533 | TCD2013L6 2V,4V | 0305 0457 |

STARTER

| Ref. Mat.-No. New part | Description | Mat.-No. Xchange part |
|---------------------------|-----------------------|--------------------------|
| 0116 2508 | 413/513 | 0304 0648 |
| 0116 3556 | 413 | 0304 0116 |
| 0117 1481 | 511 | 0304 5460 |
| 0117 1482 | 511 | 0304 5461 |
| 0117 3560 | BF M 1012 | 0304 7129 |
| 0117 4631 | B/F L 912 / W | 0304 0678 |
| 0117 4633 | 413/ 513 | 0304 0120 |
| 0117 4635 | 413/ 513 | 0304 0679 |
| 0117 4637 | 513 | 0304 0121 |
| 0117 4639 | 413/1015 | 0304 6888 |
| 0117 4645 | BF L 413 / 513 F | 0304 0680 |
| 0117 4647 | 413/513/1015/ TCD2015 | 0304 2524 |
| 0117 4649 | 413/ 513 | 0304 0681 |
| 0117 6177 | 413/ 513 | 0304 2527 |
| 0117 8026 | 912/ 913/1012/1013 | 0304 0006 |
| 0117 8671 | B/FL 1011 | 0304 5095 |
| 0117 8686 | 912/913 | 0304 5417 |
| 0117 9061 | 413/ 513 | 0304 5094 |
| 0117 9586 | 912/ 913/1012/1013 | 0304 0719 |
| 0117 9595 | 413/ 513 | 0304 0720 |

TURBOCHARGER

| Ref. Mat.-No. New part | Description | Mat.-No. Xchange part |
|---------------------------|-------------------------|--------------------------|
| 0213 7934 | BF 6L 913 | 0291 3314 |
| 0223 2450 | 913 | 0291 3363 |
| 0223 8544 | BF 4L 913 /T | 0291 9921 |
| 0414 5472 | BF 12L 413 F/W | 0291 9915 |
| 0415 2326 | BF 4L 913 | 0291 9939 |
| 0415 3189 | BF 6L 913 C | 0304 5412 |
| 0415 7288 | BF 6L 913 / C | 0291 9945 |
| 0415 7857 | BF 4 / 913 C | 0304 4193 |
| 0415 8670 | BF 4L 913 | 0291 9946 |
| 0417 6324 | BF 4L 1011/ T | 0304 3210 |
| 0417 6325 | BF 4L 1011 /E /T | 0304 5411 |
| 0417 8664 | BF 4L 1011 F | 0304 4012 |
| 0418 0148 | BF 8L 413 F | 0304 3229 |
| 0418 0178 | BF 12 L 413 F / 513 / C | 0304 0559 |
| 0418 0180 | BF 413 FR | 0304 2378 |
| 0418 3618 | BF 8L 513 | 0304 4878 |
| 0418 8820 | 413 FR / 513R | 0304 0626 |
| 0420 9145 | BF 4M 1012 /C /EC | 0304 5419 |
| 0420 9163 | BF 4M 1012 /E /C | 0304 5399 |
| 0422 3754 | BF M 1015 /C | 0304 1859 |
| 0422 4142 | BF 8M 1015 C | 0304 5404 |
| 0422 6496 | BF 8M 1015 / C | 0304 6136 |
| 0423 2252 | BF 4L 913 | 0304 5406 |
| 0423 2254 | BF 6L 913 C | 0304 5403 |
| 0423 2894 | BF4L913 | 0304 5906 |
| 0423 3029 | BF 6L 913C | 0304 5068 |
| 0423 4297 | BF4L914 | 0305 0487 |
| 0425 2301 | BF 6M 2013 / C | 0304 5909 |
| 0425 2304 | BF 4M 2013C | 0304 5908 |
| 0425 2822 | BF 4M 2013 | 0304 5907 |
| 0425 3807 | BF 6M 1013 E / C / P | 0304 3875 |
| 0425 3818 | BF6M1013EC/ECP | 0304 8397 |
| 0425 3824 | BF 6M 1013/ E | 0304 5407 |
| 0425 3857 | BF 6M 1012 /EC | 0304 5400 |
| 0425 3865 | BF 6M 1012 /C /E | 0304 5401 |
| 0425 3874 | BF 6M 1012E | 0304 6532 |
| 0425 3875 | BF 6M 1012 E | 0304 5405 |
| 0425 6820 | BF 4M 1013 /E /EC | 0304 5402 |

| | | | | | |
|-----------|-----------------------|-----------|-----------|-------------------------|-----------|
| 0425 8199 | BF4M2012 | 0305 0485 | 0423 3201 | BF L 913 | 0304 2334 |
| 0425 8205 | BF4M2012C | 0305 0507 | 0423 4520 | BFL914C | 0304 8924 |
| 0425 9315 | BF6M1013EC/ECP/FC | 0304 8634 | 0423 4955 | FL 914 | 0304 8885 |
| 0425 9722 | BF6M2013C | 0304 7687 | 0423 4956 | FL 914 | 0304 7179 |
| 0427 2325 | BF4M2011 | 0304 7224 | 0423 5409 | BFL914 | 0304 7871 |
| 0427 2463 | BF L 1011 F | 0304 5409 | 0423 6181 | FL 912/913 | 0292 9005 |
| 0427 2464 | BF 4L 1011 F | 0304 5408 | 0423 6183 | FL 912 W | 0292 9007 |
| 0427 2467 | BF4M1011F/ BF4M2011 | 0305 0488 | 0424 0464 | FL 413 FW | 0292 9015 |
| 0427 2501 | BF3LM1011F/FL | 0305 0489 | 0424 0465 | BFL 413 FW | 0292 9017 |
| 0428 0664 | BF3LM2011 | 0305 0490 | 0425 4037 | BF4M1012 /E/C/EC | 0304 2460 |
| 0428 1437 | BF4L/M2011 TD/TCD2011 | 0304 7294 | 0425 4038 | BF6M1012 | 0304 6306 |
| 0428 1466 | BF4LM2011/TD2011L4 | 0305 0295 | 0425 5259 | BF4M1013 /E/C/EC | 0304 4537 |
| 0428 2637 | BF6M2012C | 0305 0491 | 0425 8234 | BF6M1013 /E/C/EC/CP/ECP | 0304 3813 |
| 0490 0118 | BF6M2012C | 0305 0492 | 0427 1608 | F3L/M1011F | 0304 3680 |
| 1215 2917 | TD 226.6 | 0292 7252 | 0427 1608 | F4L/M1011F | 0304 3693 |
| 1215 2918 | MWM TD 226/6 | 0291 9959 | 0427 2218 | F2L/M 1011F | 0304 5804 |
| 1215 2924 | TD 226 - 6C | 0291 9962 | 0427 2222 | F3L/M 1011F | 0304 2452 |
| 1215 2927 | TD 226B - 3 | 0304 5902 | 0427 2226 | F4L/M 1011F | 0304 2429 |
| 1227 0783 | TD 226B - 3 | 0304 5903 | 0427 2854 | BF4L/M1011F/FT | 0304 2453 |
| 1227 2278 | TD 226B - 4 | 0304 5904 | 0428 0264 | BF4M2011 | 0304 6995 |
| 1285 1456 | BF 4 M 1008 | 0304 5410 | 0428 0265 | BF4M2011 | 0304 7112 |
| | | | 0428 0268 | F4L/M 2011, D2011L04i | 0304 7441 |
| | | | 0428 0269 | F4M2011, D2011L04 | 0304 7800 |
| | | | 0428 5383 | BF6M2012/C | 0304 7402 |
| | | | 0428 5384 | BF4M2012/C | 0304 6607 |
| | | | 0428 5537 | BF6M2012/C | 0304 8404 |
| | | | 0428 5994 | BF4M2012/C | 0304 8370 |
| | | | 0429 1729 | TCD2013L06 2V | 0304 8682 |
| | | | 0429 2632 | TCD2012L06 2V | 0304 9510 |
| | | | 0429 2633 | TCD2012L06 2V | 0304 8374 |
| | | | 1216 0237 | D226 | 0304 1722 |
| | | | 1216 0239 | D 226 | 0304 5170 |
| | | | 1216 0252 | TD 226 - .2 | 0304 5172 |
| | | | 1216 0259 | TD 226 - B | 0304 5173 |
| | | | 1219 1007 | TD 226 - B | 0304 5174 |

WATER PUMP

| Ref. Mat.-No. | Description | Mat.-No. |
|---------------|------------------------|--------------|
| New part | | Xchange part |
| 0293 1391 | BF 6 M 1015 | 0304 5252 |
| 0293 1392 | BF 8 M 1015 | 0304 5272 |
| 0293 1831 | BF M 1012 / 2012 / C | 0304 5239 |
| 0293 1946 | BF 1012 E / EC | 0304 5254 |
| 0293 7441 | BFM2012, TCD2013L04/06 | 0305 0463 |
| 0425 9261 | BF 6 M 1012 E | 0304 5240 |
| 0425 9547 | BF 6/1013 | 0304 5253 |
| 0428 3173 | BF M 1013 | 0304 5273 |

CYLINDER HEAD

| Ref. Mat.-No. | Description | Mat.-No. |
|---------------|----------------------|--------------|
| New part | | Xchange part |
| 0415 9481 | BFL 913 | 0292 9009 |
| 0417 6168 | F 2 L 1011 | 0292 7255 |
| 0417 6169 | F 3 L 1011 | 0292 7256 |
| 0417 6170 | F 4 L 1011 | 0292 7257 |
| 0417 6171 | BF 4 L 1011 | 0292 7246 |
| 0417 9684 | F2L/M1011F | 0304 4356 |
| 0417 9687 | BF4L/M1011F/FT | 0304 4005 |
| 0418 8758 | FL 513 | 0292 9020 |
| 0418 8760 | FL 413 F | 0292 9014 |
| 0418 8938 | BFL 413 F/513 | 0292 9013 |
| 0418 9185 | FL 413 FW | 0292 9016 |
| 0418 9187 | FL 413 F | 0292 9011 |
| 0418 9188 | BFL 413 F | 0292 9012 |
| 0419 7009 | BF6M1012 /E/C/EC | 0304 4336 |
| 0422 6976 | BFM1015 | 0304 4505 |
| 0422 6977 | BFM1015C/CP, TCD2015 | 0304 2499 |
| 0423 0582 | BFL913 | 0292 9008 |
| 0423 0612 | FL 912 | 0292 9003 |
| 0423 1662 | B/FL 912/913 | 0304 2345 |
| 0423 2109 | BF L 913 C | 0304 4097 |
| 0423 2889 | F L 912 W | 0304 2369 |

EU Stage III A / US EPA Tier 3

You will find further information under www.deutz.com

EU Stage III A / US EPA Tier 3

Comparison: DEUTZ Xchange engine vs. engine overhaul

| Criterion | DEUTZ Xchange | Rebuilding by third party |
|--------------------------------------------------------------------|--------------------------------------|---------------------------------|
| Guarantee – engines – parts | World-wide 24 months 12 months | ca. 60 days ? |
| Replacement of wearable parts by genuine DEUTZ parts | 100 % | ? |
| Qualified disassembly, cleaning, analysis/inspection, installation | Yes | ? |
| Test bench run | Yes | ? |
| Availability of the engine = machine downtime | 3 working days | ? |
| Delivery with state of the art engine condition | Yes | No |
| Conclusion | Engine gets a second life | Engine life prolonged undefined |